

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/004268

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02B6/12 G02B6/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, COMPENDEX, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/058307 A (DOUGHTY CHRISTOPHER ; BRADY DAVID J (US); JIN GUANGHAI (US); SALERNO J) 17 July 2003 (2003-07-17) claims 1-3	1-54
X	COLEMAN N R ET AL: "The formation of dimensionally ordered silicon nanowires within mesoporous silica." JOURNAL OF THE AMERICAN CHEMICAL SOCIETY. 10 JAN 2001, vol. 123, no. 1, 10 January 2001 (2001-01-10), pages 187-188, XP002314585 ISSN: 0002-7863 cited in the application the whole document	1-5, 8-15, 22, 23, 32

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

24 January 2005

Date of mailing of the international search report

07/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>FOKINE M ET AL: "INTEGRATED FIBER MACH-ZEHNDER INTERFEROMETER FOR ELECTRO-OPTIC SWITCHING"</p> <p>OPTICS LETTERS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US, vol. 27, no. 18, 15 September 2002 (2002-09-15), pages 1643-1645, XP001161779</p> <p>ISSN: 0146-9592</p> <p>cited in the application</p> <p>the whole document</p>	1
X	<p>EP 1 345 069 A (FITEI USA CORP A DELAWARE CORP) 17 September 2003 (2003-09-17)</p> <p>paragraphs '0017!', '0019!', '0020!'</p>	1,3-54
A	<p>HOLMES J D ET AL: "Control of thickness and orientation of solution-grown silicon nanowires"</p> <p>SCIENCE AMERICAN ASSOC. ADV. SCI USA, vol. 287, no. 5457, 25 February 2000 (2000-02-25), pages 1471-1473, XP002314586</p> <p>ISSN: 0036-8075</p> <p>cited in the application</p> <p>the whole document</p>	51
A	<p>COOPER ANDREW I: "Porous materials and supercritical fluids"</p> <p>ADV MATER; ADVANCED MATERIALS JUL 4 2003, vol. 15, no. 13, 4 July 2003 (2003-07-04), pages 1049-1059, XP002314587</p>	
A,P	<p>LARSEN THOMAS TANGGAARD ET AL: "Optical devices based on liquid crystal photonic bandgap fibres"</p> <p>OPT. EXPRESS; OPTICS EXPRESS OCTOBER 2003, vol. 11, no. 20, October 2003 (2003-10), pages 2589-2596, XP002314588</p>	
A	<p>WATSON MICHAEL S ET AL: "Incorporation of proteins into polymer materials by a novel supercritical fluid processing method"</p> <p>ADV MATER; ADVANCED MATERIALS DEC 17 2002, vol. 14, no. 24, 17 December 2002 (2002-12-17), pages 1802-1804, XPO02314589</p>	
A	<p>EGGLETON B J ET AL: "Microstructured optical fiber devices"</p> <p>OPT. EXPRESS; OPTICS EXPRESS DECEMBER 2001, vol. 9, no. 13, December 2001 (2001-12), pages 698-713, XP002314590</p>	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/004268

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 03058307	A	17-07-2003	US	2003123827 A1	03-07-2003
			WO	03058307 A2	17-07-2003
EP 1345069	A	17-09-2003	US	2003174985 A1	18-09-2003
			EP	1345069 A2	17-09-2003